

ET 470 2140 74US

Docket No.  
NA-1147**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Total Pages in this Submission

**TO THE ASSISTANT COMMISSIONER FOR PATENTS**Box Patent Application  
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**COMPARATOR FOR TIME-TEMPERATURE INDICATOR**

and invented by:

**BRUCE BUTLER WRIGHT**If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:☒ **C ntinuation** ☐ **Divisional** ☐ **Continuation-in-part (CIP)** of prior application No.: 09/057,057

Which is a:

☐ **Continuation** ☐ **Divisional** ☐ **Continuation-in-part (CIP)** of prior application No.:

Which is a:

☐ **Continuation** ☐ **Divisional** ☐ **Continuation-in-part (CIP)** of prior application No.:

Enclosed are:

**Application Elements**

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 22 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☐ Cross References to Related Applications (if applicable)
  - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
  - d. ☐ Reference to Microfiche Appendix (if applicable)
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings (if drawings filed)
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

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**Application Elements (Continued)**

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a. ☐ Formal                      Number of Sheets \_\_\_\_\_
- b. ☒ Informal                      Number of Sheets 1
4. ☒ Oath or Declaration
- a. ☐ Newly executed *(original or copy)*                      ☐ Unexecuted
- b. ☒ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☒ With Power of Attorney                      ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied  
under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.
6. ☐ Computer Program in Microfiche *(Appendix)*
7. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy *(identical to computer copy)*
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

8. ☐ Assignment Papers *(cover sheet & document(s))*
9. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*
10. ☐ English Translation Document *(if applicable)*
11. ☒ Information Disclosure Statement/PTO-1449                      ☒ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing

☐ First Class    ☒ Express Mail *(Specify Label No.):* EJ470214074US

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**Accompanying Application Parts (Continued)**

15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*

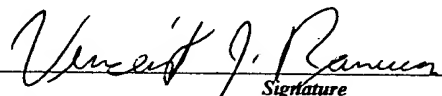
16. ☐ Additional Enclosures *(please identify below):*

**Fee Calculation and Transmittal**

**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	20	- 20 =	0	x \$18.00	\$0.00
Indep. Claims	3	- 3 =	0	x \$78.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$760.00
OTHER FEE <i>(specify purpose)</i>					\$0.00
TOTAL FILING FEE					\$760.00

- ☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 19-2201 as described below. A duplicate copy of this sheet is enclosed.
- ☒ Charge the amount of \$760.00 as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).


  
Signature  
VINCENT J. RANUCCI  
PATENT COUNSEL  
USA SOLDIER & BIOLOGICAL CHEMICAL CMD  
SOLDIER SYSTEMS CENTER  
OFFICE OF COUNSEL  
15 KANSAS STREET  
NATICK, MA 01760-5035  
REG. # 29,579

Dated: 02/03/99

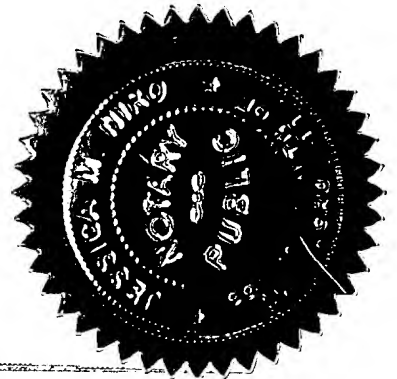
cc: BRUCE B. WRIGHT

COMMONWEALTH OF MASSACHUSETTS  
COUNTY OF MIDDLESEX

I hereby certify that this is a true copy of the prior application, Serial Number 09/057,057 filed on 04/08/98 and entitled, "Comparator for Time-Temperature Indicator" which I have examined this 3<sup>rd</sup> day of February 1999 at the U.S. Army Soldier and Biological Chemical Command, Natick, MA 01760-5035.

  
\_\_\_\_\_  
Notary Public  
My Commission expires: June 11, 2004

Jessica M. Niro  
NOTARY PUBLIC  
My commission expires June 11, 2004



**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**Applicant(s): **BRUCE WRIGHT**

Docket No.

NA-1147

Serial No.

NEW

Filing Date

NEW

Examiner

L. ALEXANDER

Group Art Unit

1745

Invention: **COMPARATOR FOR TIME-TEMPERATURE INDICATOR**

JCS11 U.S. Pat.  
09/244961  
02/04/99

I hereby certify that this **CONTINUATION APPLICATION AND SUPPORTING DOCUMENTS & POSTCARD**  
(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under  
37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231

on 02/03/99  
(Date)

**VINCENT J. RANUCCI**

(Typed or Printed Name of Person Mailing Correspondence)



(Signature of Person Mailing Correspondence)

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**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s):

Docket No.

NA-1147

Serial No.  
UNKNOWNFiling Date  
UNKNOWNExaminer  
UNKNOWNGroup Art Unit  
UNKNOWNInvention: **COMPARATOR FOR TIME-TEMPERATURE INDICATOR**

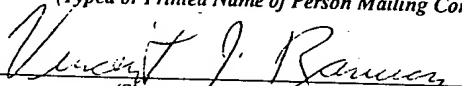
I hereby certify that this New Utility Patent Application, Prior art, Postcard, and attachments  
(Identify type of correspondence)

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37 CFR 1.10 in an envelope addressed to: The Commissioner of Patents and Trademarks, Washington, D.C.

20231-0001 on APRIL 8, 1998  
(Date)

VINCENT J. RANUCCI

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